

## SEQUENCE LISTING

<110> Beckmann, Holger  
Santha, Edit  
Tularik Inc.

<120> Detection Method for Monitoring Beta Tubulin Isotype  
Specific Modification

<130> 018781-001700US

<140> 09/377,554  
<141> 1999-08-19

<160> 4

<170> PatentIn Ver. 2.1

<210> 1  
<211> 18  
<212> PRT  
<213> Artificial Sequence

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<223> Description of Artificial Sequence:immunogenic  
fragment of modified beta2 and beta4 tubulin

<400> 1  
Ala Thr Met Ser Gly Val Thr Thr Cys Leu Arg Phe Pro Gly Gln Leu  
1 5 10 15

Asn Ala

<210> 2  
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<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence:immunogenic  
fragment of modified betal tubulin

<400> 2  
Gly Thr Met Glu Cys Val Thr Thr Cys Leu Arg Phe Pro Gly Gln Leu  
1 5 10 15

Asn Ala

<210> 3  
<211> 19  
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<213> Artificial Sequence

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<223> Description of Artificial Sequence:immunogenic  
fragment of modified beta2 and beta4 tubulin with  
Lys from lysine residue phase Fmoc chemistry

<400> 3

Lys Ala Thr Met Ser Gly Val Thr Thr Cys Leu Arg Phe Pro Gly Gln  
1 5 10 15

Leu Asn Ala

<210> 4

<211> 19

<212> PRT

<213> Artificial Sequence

*A<sup>2</sup>*  
*An*  

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<220>

<223> Description of Artificial Sequence: immunogenic  
fragment of modified beta2 and beta4 tubulin with  
Lys from lysine residue phase Fmoc chemistry  
modified by compound 1

<220>

<221> MOD\_RES

<222> (10)

<223> Xaa = Cys modified by compound 1  
(2-fluoro-1-methoxy-4-pentafluorophenylsulfonamido  
benzene)

<400> 4

Lys Ala Thr Met Ser Gly Val Thr Thr Xaa Leu Arg Phe Pro Gly Gln  
1 5 10 15

Leu Asn Ala